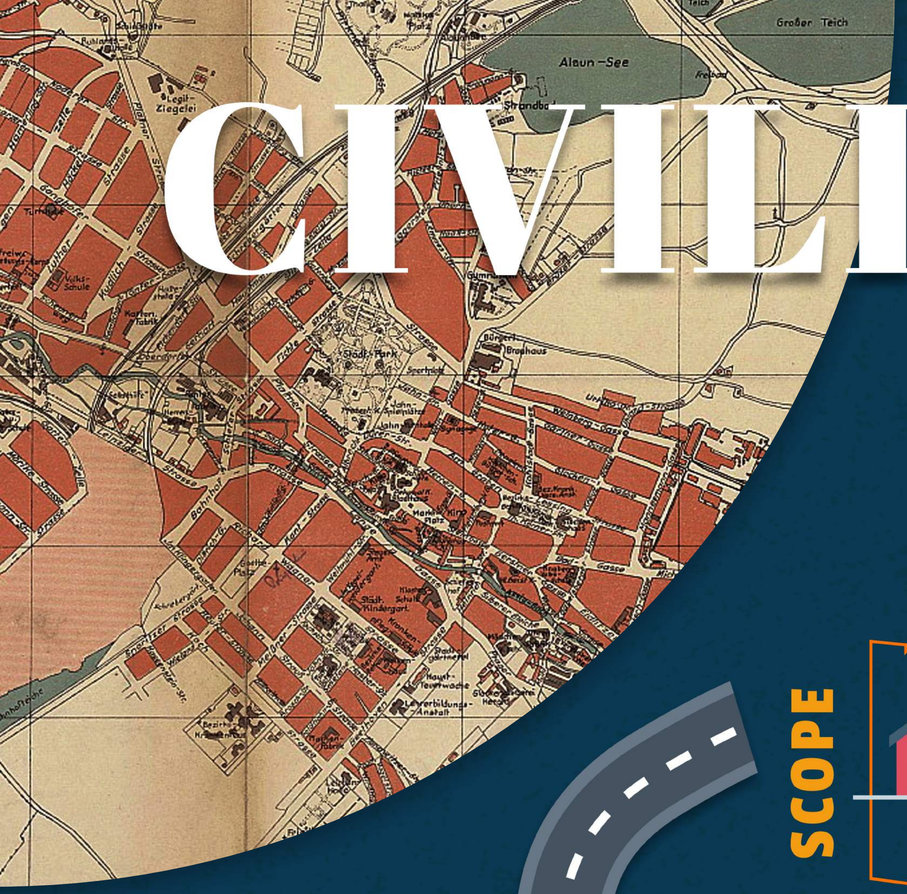
CIVILISE. AI.

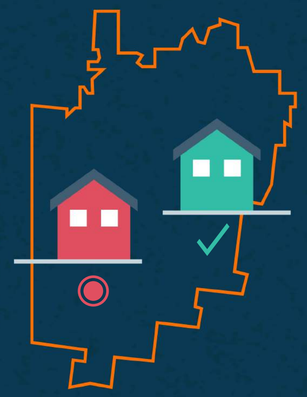
Technology redefines city.



Problem

Local government councils want to use **computer vision** and **image recognition** technology to facilitate illegal activity detections around the neighborhood, in a way that optimizes cost, time and management resources.

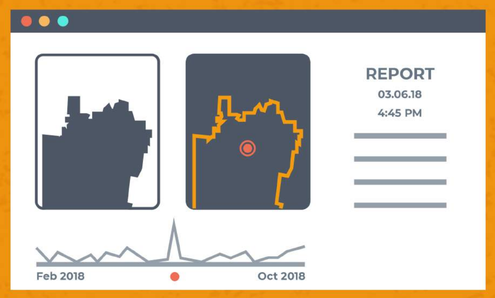
SCOPE



Global technology companies, advisors and planners are supporting governments in development of **smart city** initiatives and Earth observation. Our technology can be extended beyond activity detection and support sectors and councils concerning land cleansing, waste recycling and other smart city constructions.

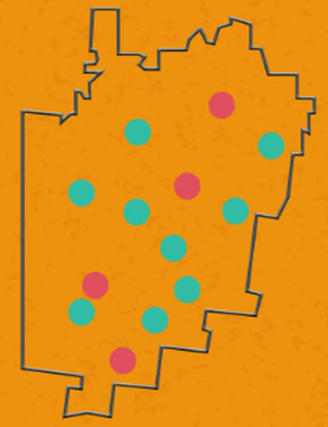
APPROACH

We developed an **artificial intelligence** engine that pulls satellite imagery data, uses **computer algorithm** to **automatically** differentiate between images, classifies changes through well-trained **neural network** system, and presents highlights details through a friendly front-end interface, including adjustable timeline and auto-generated **reporting** functions.



IMPACT

With integration of our detecting and reporting system, councils like Queanbeyan–Palerang Regional Council will be able to detect illegal activities more efficiently, through **reduction** *in* **cost** *and* **resource** *consumption, as well as the* **increase** *of* **contact** *between neighborhood and government.*



POWERED BY

DigitalGlobe

Charlie Chan u5686023
Claire Yao u5945391
Tara Cao u5926643
Floze Xie u6462764
Russell Ye u5669371
Charlie Feng u6063820
Kira Lin u5898871

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Courtesy to Freepik for providing two "people",and "cityscape" icons, Roundicons for providing "Australia flag" icon, and Alfredo Hernandez for providing the "houses" icon.